

Stand Alone Magnetic Stripe Reader

Smart Mag SA

**for stand alone
access control**



The Smart Mag SA is a stand alone access control reader with internal memory and an internal time clock. It is available as a fixed mount or portable reader. The fixed mount reader contains an internal relay which is used for door control. The portable version is meant for use at monitored stations, such as guard shacks, and uses LEDs to signal access granted or denied. Access is controlled by validation of badge numbers stored in the internal memory of the reader. Valid numbers can be downloaded into the reader from a PC or scanned into the reader by hand.

- 1 or 2 tracks
- Programmable masking
- Addressable (networked) using RS422 or TCP/IP
- Bidirectional reading
- Supports scheduling (time/day access restrictions)
- Portable version available
- POE w/EZPower


International Bar Code

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Smart Mag SA Specifications

Magnetic Stripe

Tracks 1, 2 or 3
(high or low density,
high or low coercivity)

Magnetic Stripe Direction

Bi-directional

Interfaces

See below

Slot Width

0.050" (1.27 mm)

Indicators

2 programmable LEDs

Memory

64K standard
256K optional

Temperature

-40° to +85°C standard

Weight

7 ounces (198.5 grams)

Material

Black polycarbonate

Dimensions

4.6"L x 2.4"W x 1.4"H
(11.68 cm L x 6.10 cm W
x 3.56 cm H)

Power*

5V 100mA typical 200 max
12V 50mA typical 100 max
24V 30mA typical 60 max

Relay

1 amp, 35VDC; 1 common
lead, 1 lead normally closed,
1 lead normally open

Standard Wiring

3 ft. (91.5 cm) cable with flying leads
for data and power, 3 ft. cable for relay

Displays

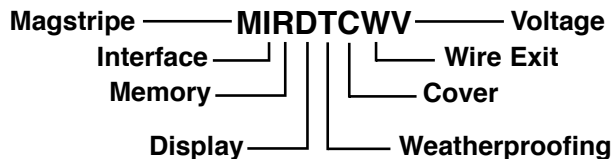
8 character alpha display (optional)

* Maximum power consumption does not include alphanumeric displays. 5VDC readers have a voltage tolerance of +/-5%. 12VDC readers may be operated from 8VDC - 15VDC. 24VDC readers may be operated from 15VDC - 30VDC.

How To Order

Order Smart Mag SA with a code to indicate options required.

Code



Example

Smart Mag SA-2210WMS5=

Smart Mag SA with Magstripe track 2 only, RS422/485 interface, 64K memory, no display, weatherproofing, 3mm screw size mtg. back cover, side wire exit and 5VDC supply.

Options Available

Magstripe

Track 2 - 2
Tracks 1 & 2 - 1
Tracks 2 & 3 - 3

Interface

RS232 - S
RS422/485 - 2
TCP/IP - C

Memory

64K - 1
256K - 5

Display

No display - 0
Alphanumeric display - A

Weatherproofing

No weatherproofing - 0
Weatherproofing - W

Cover

#6 - 6
3mm - M

Wire Exit

Rear - R
Side - S
Internal battery (portable) - I
Side internal jacks (portable) - J
Internal battery/external AC - A
Read exit w/side headset jack* - 4

Voltage

5VDC - 5
12VDC - 2
24VDC - 4
P - POE

* 4 position side headset jack available for communications on fixed mount units only. Power and relay wiring remains in the rear.



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